

PACIFIC INDUSTRIAL ELECTRIC  
INVENTORY

DATE: February 12, 2014

LOCATION: \_\_\_\_\_ ITEM INV. # 218 PIE ITEM # \_\_\_\_\_

DESCRIPTION: TRANSFORMER, DRY

MFG. NAME: Schaffner MTC (Magnetic Technologies) CATALOG NO.: \_\_\_\_\_

MODEL# custom 4160/12kv SERIAL #: 1311D791 991 1

**SPECIFICATIONS / INFORMATION**

VOLTS:	4160 x 12k 208Y/120	NEMA TYPE:	3R
AMPS:	-	FUSEABLE:	N/A
PHASE:	3	FUSE TYPE:	N/A
Hz:	60	HEIGHT:	73"
POLES:	-	LENGTH:	80"
NEUTRAL TYPE:	-	WIDTH:	55"
KVA:	300	WEIGHT:	2850
PRIMARY:	4160 x 12kv	KIRK KEY:	NO
SECONDARY:	208Y/120	NEW:	NO
k AIC:	95 / 30	PHOTO FILE:	YES

**NOTES:**

DUAL VOLTAGE 4160 & 12,000. Only 3 of this type were made by MFG. - all for Camp Pendelton

**TRANSFORMER NAME PLATE DATA**

**MANUFACTURE'S ADDRESS:**

NAME: Schaffner MTC (Magnetic Technologies)  
STREET 1: 823 Fairview Road  
STREET 2: \_\_\_\_\_  
CITY: Wytheville  
STATE: Virginia  
ZIP: 24382

PHONE #: 276-228-7943  
FAX #: 276-228-7953

D.O.M.:	Sep-91	COOLING CLASS:	AA
OIL FILLED:	NO	CATALOG #:	0
GAL. CAP. :	N/A	INSULATION SYS.:	_____
SHIELDING:	_____	RISE:	150*



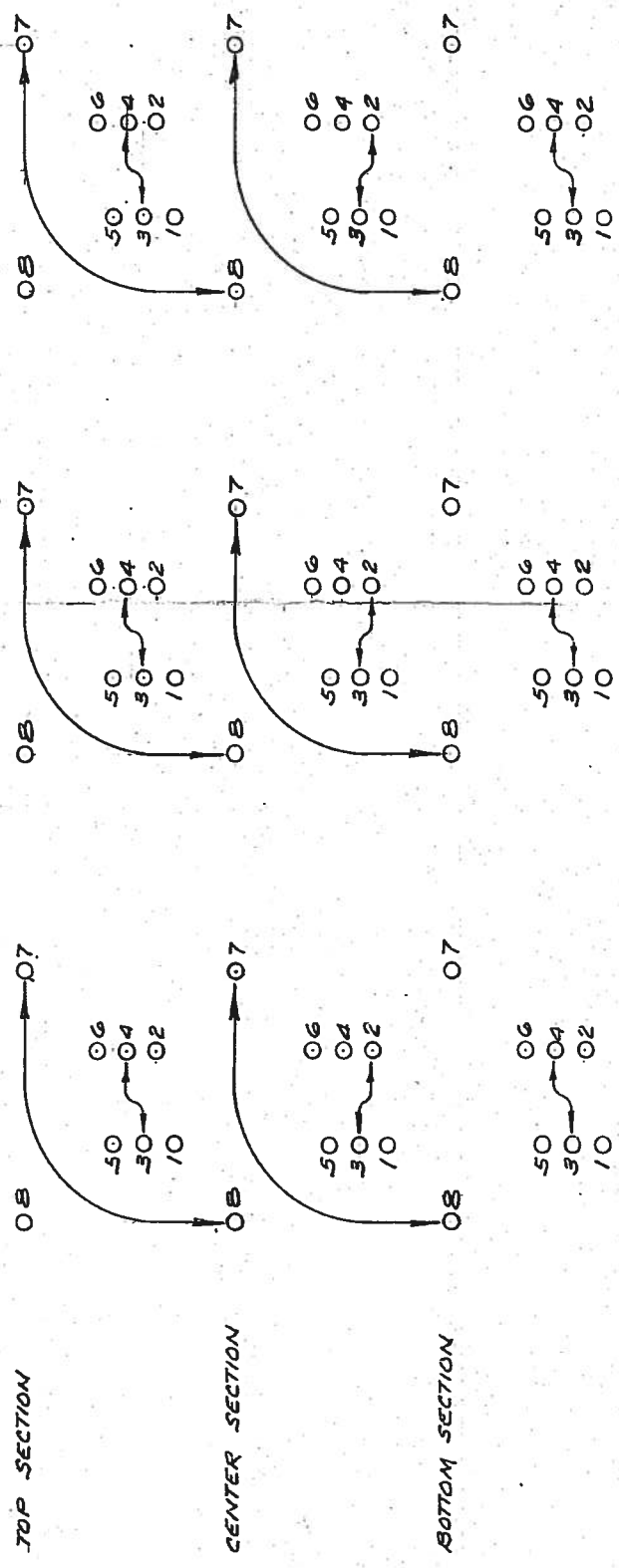
12000V TAPS

CONNECTION DIAGRAM - 12000 V SERIES CONNECTION

COIL A

COIL B

COIL C



ALL CONNECTIONS AS SHOWN ABOVE MUST PHYSICALLY MATCH THE DIAGRAM ABOVE. MAKE NO OTHER CONNECTIONS.

LINE VOLTAGE	SERIES CONNECTION	TAP CONNECTIONS		
		TOP SECTION	CENTER SECTION	BOTTOM SECTION
12600	7-B, 7-B	1-2	4-5	1-2
12300	7-B, 7-B	2-3	3-4	2-3
12000	7-B, 7-B	3-4	2-3	3-4
11700	7-B, 7-B	4-5	4-5	4-5
11400	7-B, 7-B	5-6	5-6	5-6

		<b>MAGNETIC TECHNOLOGIES CORPORATION</b> 290 WEST MADISON ST. WYTHEVILLE, VIRGINIA 24382	
SCALE:	NONE	APPROVED BY:	R.L.P.
DATE:	9-24-91	CHECKED BY:	
500 KVA, 3 $\phi$ , 60 HZ 4160 $\Delta$ Y, 1 X 5 $\phi$ , X 12000A, 18-2+21 $\phi$ , 30 X 35 KV8.44. ROBY/180, 14 AYB.144, 150 $\phi$ C. ROSE.		DRAWING NUMBER: <b>D-792 A</b>	

SHEET 1 of 2

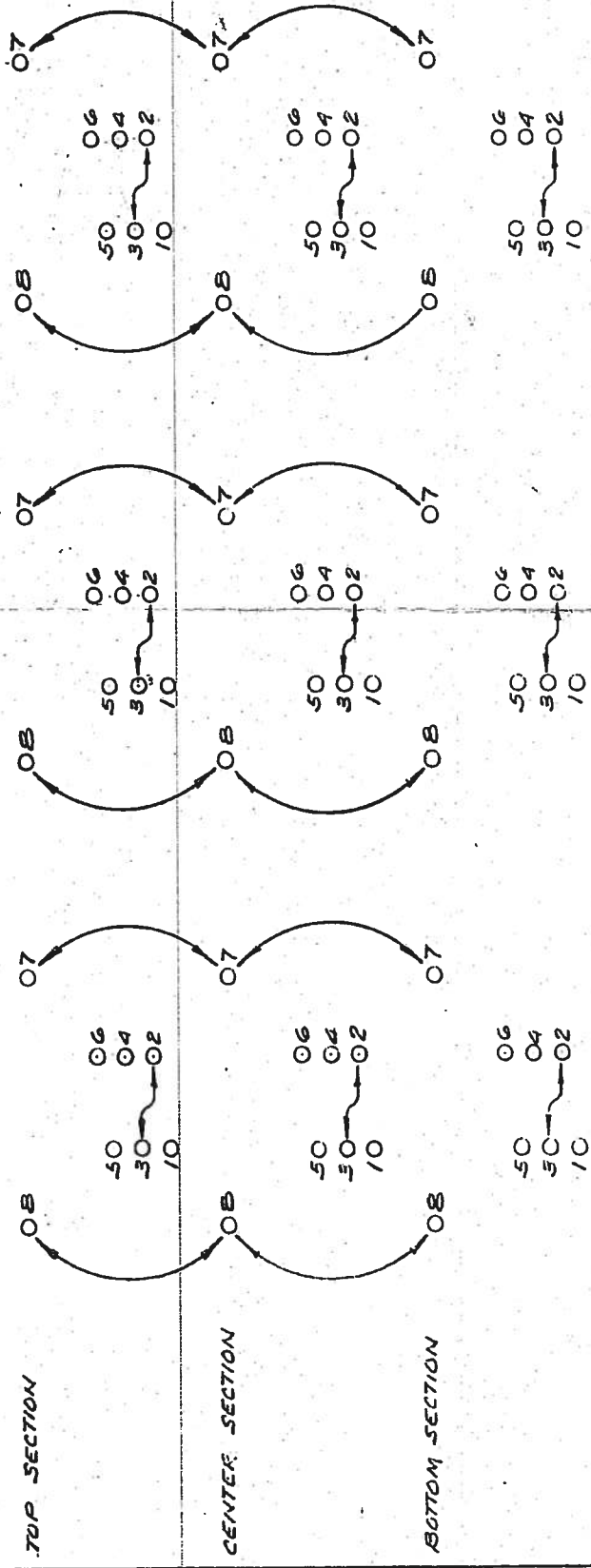
4160 TAPS

CONNECTION DIAGRAM - 4160 V PARALLEL CONNECTION

COIL A

COIL B

COIL C



ALL CONNECTIONS AS SHOWN BELOW MUST PHYSICALLY MATCH THE DIAGRAM ABOVE. MAKE NO OTHER CONNECTIONS.

MAGNETIC TECHNOLOGIES CORPORATION 290 WEST MADISON ST. WYTHEVILLE, VIRGINIA, 24382	DRAWN BY: RLP
	REVIEWED:
	DATE: 9-24-91
	CHECKED BY:
300 AVA. ST., 60 NE 4160 W. 115TH, 12000A 12-24-87, BOX 95 MARYL. 2037180, MARYL., 150° CASE	
	SHEET 2 of 2
	DRAWING NUMBER: D-792A

LINE VOLTAGE	PARALLEL CONNECTION	TAP CONNECTIONS		
		TOP SECTION	CENTER SECTION	BOTTOM SECTION
4160	7-7-7, 2-B-B	1-2	1-2	1-2
5952	7-7-7, 2-B-B	2-3	2-3	2-3
	7-7-7, 2-B-B	3-4	3-4	3-4